

Device for impact energy absorption in road vehicle in event of collision involves box profile in plate structure fixed to at least one bodywork part

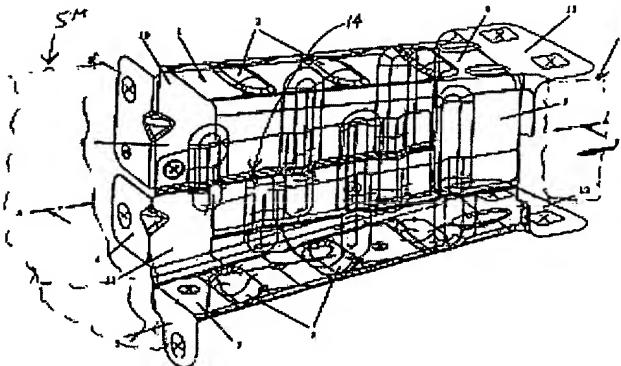
Patent number: DE19959701
Publication date: 2001-06-21
Inventor: ARTNER BERND (DE)
Applicant: DAIMLER CHRYSLER AG (DE)
Classification:
- International: B60R19/18; B60R19/34
- European: B60R19/34
Application number: DE19991059701 19991210
Priority number(s): DE19991059701 19991210

Also published as:
US6474709 (B2)
US2001013706 (A1)

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Abstract of DE19959701

The device is for impact energy absorption in a road vehicle in the event of a collision and involves a box profile in plate structure fixed to at least one bodywork part. The box profile (1) in the incoming direction of a force to be absorbed has a conically widened formation, so that with the compression caused by the incoming force the deformed material forms a somewhat fold-type accumulation within the cross-section of the remaining deformation length of the box profile. The box profile has an at least approximately rectangular cross-section. It is formed with first (10) and second (11) shells and has formations (2) for promoting the pressing-together process by the incoming force.



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